



## MAGNUS SUPPRESSOR FAMILY

### THUNDER BEAST ARMS CORPORATION

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**ORDERS FOR 2024 MODELS WILL BE ACCEPTED STARTING JAN 23rd!**

High-Performance Magnum/Full-auto Suppressor  
High-Performance Recoil-Reducing Magnum/Full-auto Suppressor

**UPDATED/EXPANDED FOR 2024 - New "K" Length! New "S" Length! Reduced Recoil / Race Ready "RR" variants available!**  
Now available for .338 and .375 calibers in addition to .30.

To put it simply, the MAGNUS line is the highest performing hard-use titanium suppressor on the market right now.

The MAGNUS was originally released in 2022 as a high performance Magnum rifle suppressor, with a full-auto-rating when used with the SR mount.

We are now releasing two additional lengths, a **K-length** at 5.5"; and an **S-length** at 6.9"; besides the original "full" length of 9.0".

#### FULL, S, & K LENGTHS



Full, S, & K lengths each shown in SR and CB format.

In each of these three lengths, we are offering the MAGNUS in three calibers: .30, .338, and .375 cal.

Our development of the ULTRA50 through late 2022 and 2023 clearly demonstrated the effectiveness of a muzzle brake mounted on the exit end of the suppressor.

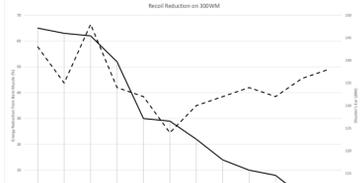
Thus, we are offering *all* MAGNUS models in two variants: (1) the standard flat-endcap version, and (2) the "RR" or "Reduced Recoil" (some might call it "Race Ready") version.

#### RR MODELS



RR models, Full, S, & K lengths each shown in SR and CB format.

The RR models of each variant add 1.5" to the overall length and add approximately 2.4 ounces.



Recoil reduction vs. suppression on lineup (300WM). (click to zoom)

When shooting 300 Winchester Magnum, the RR models (all lengths) offer over 60% recoil reduction when compared to a bare muzzle. For comparison's sake, a normal MAGNUS-CB with flat endcap only has a 29% reduction on 300WM. See the table at the top of this page for all the recoil reduction data (click on it to make it larger).

The RR models of each variant add 1.5" to the overall length and add approximately 2.4 ounces.

#### SOUND TESTING RESULTS

We've also fully characterized the sound performance using the same methodology as the 2023 SILENCER SUMMIT. The data for "most" of our current suppressors is here, with experimental and analysis documentation: [Full Sound Test Results of most current TBAC suppressors \(with waveforms\)](#).

#### MAGNUS MODELS

This is the naming scheme for the MAGNUS MODELS:  
**MAGNUS {X} {-RR} {-YY} -CAL**

{X} if present, this is the length designer for K or S lengths. If absent, indicates full-length (9.0 for CB/BA/HUB mounts).

{-RR} if present, this indicates the RR or Recoil Reduction model.

-YY indicates the MOUNT type. Possible choices are CB, BA, HUB, and SR. The various mount choices available are detailed below.

-CAL indicates the caliber of the suppressor. Possible choices are 30, 338, and 375.

For example, the MAGNUS-K-RR-CB-30 is a K-length MAGNUS with the RR brake, a CB mount, and .30 caliber. A MAGNUS-SR-30 is a .30 caliber MAGNUS SR (normal/full length).

#### MAGNUS-K



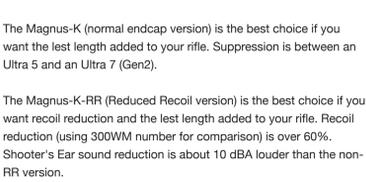
L to R: Magnus-K-CB, Magnus-K-RR-CB, Magnus-K-SR, Magnus-K-RR-SR

**Best-for: Hunting, PRS.**

The Magnus-K (normal endcap version) is the best choice if you want the least length added to your rifle. Suppression is between an Ultra 5 and an Ultra 7 (Gen2).

The Magnus-K-RR (Reduced Recoil version) is the best choice if you want recoil reduction and the least length added to your rifle. Recoil reduction (using 300WM number for comparison) is over 60%. Shooter's Ear sound reduction is about 10 dBA louder than the non-RR version.

#### MAGNUS-S



L to R: Magnus-S-CB, Magnus-S-RR-CB, Magnus-S-SR, Magnus-S-RR-SR

**Best-for: Long-range shooting, Hunting, PRS**

The Magnus-S (normal endcap version) is the shorter version of the Magnus and gives up little suppression while being over 2" shorter. Suppression is between an Ultra 7 (Gen2) or Dominus-CB and the Ultra 9 (Gen2).

The Magnus-S-RR (Reduced Recoil version) has the most recoil reduction (on 300WM) of the RR models, by about 2%, because it hits the sweet spot of gas pressure at the RR brake ports.

#### MAGNUS FULL SIZE



L to R: Magnus-CB, Magnus-RR-CB, Magnus-SR, Magnus-RR-SR

**Best-for: up to .30 cal Magnums, Hunting**

The full size Magnus (normal endcap version) the quietest .30 suppressor and is ideal for big .30 caliber magnums. On smaller calibers it's also the quietest. For reference, suppression is significantly better than an Ultra 9.

The Magnus-RR (Reduced Recoil version) is the best option for big .30 cal magnums because it has the most sound reduction of any of the RR models while still having over 60% recoil reduction on 300WM.

#### General Magnus Info



Let's cut to the chase-- The MAGNUS is the quietest .30 cal suppressor for almost every caliber -- .223's, 6mm's, 6.5mm's, 7mm's, and .30's -- up to .300 Norma Magnum. The only thing quieter -- in some cases -- is a 338 ULTRA GEN2, which is larger.

The MAGNUS is available with four different mounts: CB, BA, SR, and HUB.

CB. For .30 cal only. The **MAGNUS-CB** shares the same CB series mounts as our Ultra 5, 7, and 9 series, and the Dominus-CB.

SR. For .30 cal and .338 only. The **MAGNUS-SR** shares the same SR (Secondary Retention) mount as our Dominus-SR, Dominus-K-SR, and 338 ULTRA SR. This model is 0.70-inch longer and 2.9 ounces heavier than the CB version. This version has the same Hard-Use/Full-Auto rating as the **DOMINUS-SR**, i.e., Lifetime to exceed at least 10 SURGE cycles on a 10.5" M4 / MK18. The other versions of the MAGNUS are NOT full-auto rated due to the mount being insufficient.

BA. For .338 only. Same as 338 Ultra BA

HUB. For .30 and .375 cal only.

#### The SR Mount System

This video explains the SR mount system and its applications on a precision rifle suppressor



This mount meets the mil spec represented in the 2017 Advanced Sniper Rifle (ASR) solicitation, and the 338 ULTRA SR is the suppressor that Accuracy International North America chose for their ASR rifle system submission.

The main feature of the SR mount is that it acts as a secondary, fail-safe, locking mechanism to retain the suppressor on the muzzle, brake in all circumstances, unless explicitly removed on purpose, by hand. It also reduces the number of turns required to mount the suppressor due to a coarser thread and enables "Quick Mount" and "Quick Detach" functionality of the mount. The mount is mechanically very simple and user-level maintenance is possible.

#### HOW OUR SR MOUNT IS DIFFERENT

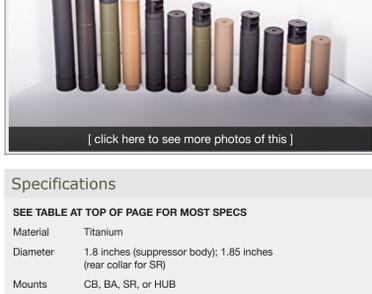
The SR mount uses a novel paw and cam-path system to ensure that "full lock up" can happen in either of the two adjacent detent slots for any given final shouldering position of the suppressor on the conical brake shoulder. This categorically avoids the "off-by-one" problem that many "clicky" mounts have. The SR mount has the exact same accuracy, repeatability, and return-to-zero characteristics that all our precision suppressors are known for.

This mounting system is covered by US Patent 9,791,234.

[Link to the SR mount Operator and Armorer-level instruction manual.](#)

#### SPECIAL FEATURES

- » Ionbond DLC coating on CB and SR series brakes
- » Conical shoulder surface on mount (CB and SR version)
- » 100% titanium construction of suppressor body
- » 360-degree fully-welded baffle core
- » Magnum rated
- » Rock-Solid POI Repeatability
- » Patented SR brake with full lockup in at least two positions



Specifications

SEE TABLE AT TOP OF PAGE FOR MOST SPECS

Material	Titanium
Diameter	1.8 inches (suppressor body); 1.85 inches (rear collar for SR)
Mounts	CB, BA, SR, or HUB
Brake	1/2-28, 9/16-24, 5/8-24, 3/4-20, 3/4-24, 3/4-28, M15x1.0, M18x1.0, M18x1.5
Threads	High-Temp Cerakote: Black, OD Green, FDE, Federal "20150" (i.e., SURG Brown)
Finish	High-Temp Cerakote: Black, OD Green, FDE, Federal "20150" (i.e., SURG Brown)
Use	Precision/Long-range on big-bore magnums Hard-Use/Full-Auto (SR variant) Recoil Reduction / Competition
Suppression Performance	<a href="#">Link to comprehensive metering results</a>
Warranty	<a href="#">TBAC Limited Lifetime Warranty</a>
<a href="#">How to order a suppressor</a>	

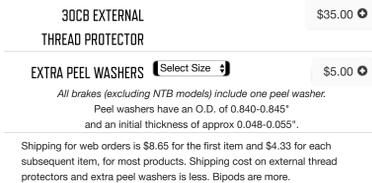
#### BRAKES AVAILABLE ONLINE

SR BRAKE	Select Threads	\$145.00
30CB NON-TIMED BRAKE	Select Threads	\$125.00
30CB BRAKE	Select Threads	\$125.00
30CB FLASH HIDER	Select Threads	\$125.00
30BA BRAKE	Select Threads	\$135.00
338BA BRAKE	Select Threads	\$145.00
CB TO HUB ADAPTER		\$100.00
DT TO HUB ADAPTER		\$100.00
30CB EXTERNAL THREAD PROTECTOR		\$35.00
EXTRA PEEL WASHERS	Select Size	\$5.00

All brakes (excluding NTB models) include one peel washer. Peel washers have an O.D. of 0.840-0.845" and an initial thickness of approx 0.048-0.055".

Shipping for web orders is \$8.65 for the first item and \$4.33 for each subsequent item, for most products. Shipping cost on external thread protectors and extra peel washers is less. Bipods are more.

#### DEMO OF THE SR LOCK



**NOTE:** The collar is *not* intended to stay perfectly parallel/square to the body when locked. The play is there on purpose for clearance so foreign material does not compromise functionality of the locking mechanism.

#### MINIMUM BARREL LENGTHS FOR .30 CAL MAGNUS

5.5"	.300 Blackout (Full power and Subs), 6.8 SPC, 7.62x39,
8"	.308, 6.5 Creedmoor, .260 Rem, 6 Creedmoor, 243 Win, .22 Creedmoor, .223/556 (SEMI AUTO)
10.3"	.223/556 (FULL AUTO per <a href="#">Dominus-SR schedule</a> )
12"	28 Nosler, 6.5 SAUM, 6.5 PRC, 7 WSM, 7 SAUM, 7 STW, 7 RM, 300 WSM
14.5"	300 PRC, 300 RUM, 7 RUM, 300 WM, 300 WBY, 6.5-300 WBY
16"	300 NORMA, 28 Nosler

#### MINIMUM BARREL LENGTHS FOR .338 CAL MAGNUS

All the same as the .30 cal, plus:

16"	338 LAPUA, 338 NORMA
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#### MINIMUM BARREL LENGTHS FOR .375 CAL MAGNUS

any	9x19mm
6"	.375 Raptor (semi auto)
12.5"	.375 H&H, .375 Ruger, .375 Weatherby
16"	.375 Remington Ultra Mag

**NOT RATED FOR .375 CHEYTAC - USE THE ULTRA50**

For questions about a particular rifle/load combination please contact us.

#### CLEANING NOTES

On the MAGNUS and 338 ULTRA, we recommend weighing them every 500 rounds. At this point, if the weight added due to deposited carbon exceeds 1 ounce, we recommend using our cleaning procedure until the suppressor is back to its original weight. [Link to TBAC recommended cleaning procedures.](#)

The GEN2 338 ULTRA and MAGNUS suppressors work by trapping and holding gas which means they gain carbon faster than the GEN1.

#### HUB INTERFACE DISCLAIMER

The HUB interface version of this suppressor is meant for advanced users who are familiar with HUB-compatible mounts and know how to use their choice of HUB mounting system in a secure, reliable, and repeatable manner. If you get the HUB version, you should know what you're doing. Everything behind the suppressor body is your responsibility.

We are not responsible for damage caused to this suppressor by another manufacturer's HUB mount system, through its use, misuse, incompatibilities, or any other reason related to the mounting system.

For our part, we will guarantee that the HUB interface is correct and the suppressor will have acceptably-low runout when mounted on a TBAC reference HUB/DT interface.

For the Ultra 5, 7, and 9, the HUB versions have a slightly larger outer diameter (OD) at the rear of the suppressor to accommodate the 1.375" internal threads, compared to the normal CB versions. For the Magnus and the Dominus, the stepped-down section at the rear of the suppressor is slightly larger OD compared to the CB version (but smaller than the SR version).

#### SOUND TEST VIDEOS

Follow the Youtube link for the dB data breakout on any of these.

